

### ABSTRACT OF THE DISCLOSURE

A bicycle transmission control device includes a fixed housing fitted on a handlebar of the bicycle, one side of the housing being recessed to form an annular cavity in which a first locating section is disposed. A locking member having a first linking section and pivotably and slidably mounted in the annular cavity, one end of the locking member being formed with a second locating section, any end of the locking member being hooked with one end of the steel cord of the bicycle transmission system, the steel cord always resiliently pulling the locking member, whereby the second locating section is biased toward the first locating section to engage therewith. A rotary member fitted on the handlebar and pivotally mounted on outer side of the housing, a second linking section protruding from inner side of the rotary member for drivingly connecting with the first linking section of the locking member.